

ABSTRACT

To provide a speaker for reproducing ultrahigh frequencies which outputs ultrahigh frequencies up to 100 kHz with stable sound pressure. A speaker for reproducing ultrahigh frequencies of the present invention comprises a schematically disk-shaped piezoelectric ceramic vibrator wherein a piezoelectric ceramic and a metal substrate are bonded; a dome-shaped diaphragm attached to said piezoelectric ceramic vibrator; and a panel which fixes an outer peripheral part of said piezoelectric ceramic vibrator and has an opening part in a front face of said dome-shaped diaphragm, wherein the diameter of the dome part of said dome-shaped diaphragm is made to be 0.5 to 0.8 times the effective movable diameter of said piezoelectric ceramic vibrator.